

ABSTRACT

A wear resistant bearing of a motor-type fuel pump includes a sintered body of compacted powders having a blended composition which is composed of 1 to 5% of graphite, 2 to 9% of Cu-P alloy containing 5 to 10% of P, Cu-Ni alloy containing 21 to 26% of Ni, and the balance, in % by weight. The sintered body made of a Cu-Ni based sintering metal has a structure in which pores are dispersed on a basis material of Cu-Ni alloy particles at a porosity within a range of 8 to 18%, and P components and free graphite are distributed on a boundary between the Cu-Ni alloy particles and in the pores, respectively.